

Complete fixture consists of Reflector Trim & Frame-In Kit. Select each separately

Reflector Trim		Frame-In Kit		Lamp
373CBCMX	Cobalt Blue Glass and Chrome Flange	Remodeler	300MRX	50W MR16
373CBWHX	Cobalt Blue Glass and White Flange	Remodeler	3401MREX	50W MR16
373FGCMX	White Frosted Glass and Chrome Flange	Remodeler	303MRE	37W MR16
373FGWHX	White Frosted Glass and White Flange	Remodeler	300ESX	50W ES/ESD16
		Non-IC	302MRX	50W MR16
		Non-IC	302MREX	50W MR16
		Non-IC	302ESX	50W ES/ESD16
		IC	302MRIC9X	50W MR16
		IC	302ESICX	50W ES/ESD16
		Air Seal/IC	302MRAICX	50W MR16
		Air Seal/IC	302ESAICX	50W ES/ESD16

Features

- Housing:** 25ga galvanized steel.
- Residence Mounting Clip:** Factory-installed ; zinc plated spring steel; free-hand installation free-hand installation. (patent # 2,184, 149)
- Glass:** Silica sand glass .080" (2mm) thick ; soft diffusion for a smooth beam pattern. Choice of two decorative glass colors.
- Flange:** Die-cast aluminum .060" (1.5mm) thick ; available in polished chrome or painted ADF2LS Light Straw white finish.
- Lampholder Support:** 27ga. steel.
- Mounting Clips (3):** 24ga. spring steel, zinc plated. Provide easy snap-in / snap-out action.
- Lamp Guard:** 1 3/4" (45mm) dia. borosilicate glass.

Frame-In Kit

Note: For complete Frame-In Kit specifications, see 300 frame specification sheets

Accessories

Square Face Plate
400SQWH White
400SQBK Black

Labels:

CSA , UL (Suitable for damp locations.)

Job Information

Type:

Job Name:

Cat. No.:

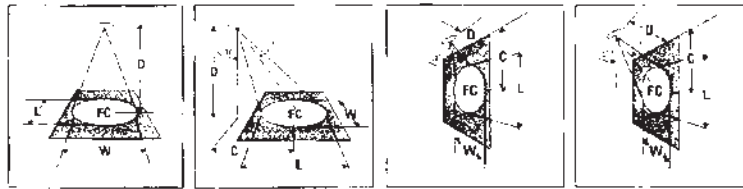
Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
www.lightolier.com © 2008 Philips Group • C0408

(FC) is virtual footcandle at center of beam.
Beam length (L) and beam width (W) are to
define the candlepower is reduced to 50% of
center beam candlepower.
CBCP is center beam candlepower.
(C) is distance to the center of the beam.

Luminaire shown is typical and is based on bare
lamp photometrics. Contact lamp manufacturers for
availability and performance.



Lum.	Beam Spread (50% CBCP)	JCP	Lamp Method	0° AIMING ANGLE				30° AIMING ANGLE				30° AIMING ANGLE				45° AIMING ANGLE							
				D	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	D	C	FC	L	W	
MR-16 LOW VOLTAGE HALOGEN BI-PIN LAMPS																							
20W MR-16 VNSP (E23)	11°	6/101	3000	7' 16"	0.9'	6.6'	6.6'	6' 1.5"	1.48'	1.3'	0.8'	2' 5.5"	2.55'	1.0'	0.9'	4' 4.8"	1.61'	1.0'	0.7'	5' 6.0"	8.1'	1.5'	1.0'
20W MR-16 NSP (E23)	11°	6/101	3000	10' 82"	1.2'	1.2'	1.2'	9' 5.2"	6.6'	1.5'	1.2'	3' 5.2"	1.14'	1.5'	2.7'	5' 6.0"	8.1'	1.5'	1.0'	5' 6.0"	8.1'	1.5'	1.0'
20W MR-16 NSP (E23)	11°	6/101	3000	6' 10.9"	1.4'	7.2'	7.2'	5' 2.9"	9.1'	1.2'	1.3'	2' 2.2"	1.12'	1.3'	2.9'	2' 2.0"	1.41'	1.4'	1.0'	5' 5.0"	5.1'	2.3'	1.6'
20W MR-16 NSP (E23)	11°	6/101	3000	8' 36"	1.8'	1.8'	1.8'	7' 4.0"	4.9'	2.1'	1.8'	3' 2.2"	1.0'	2.0'	1.4'	5' 5.0"	5.1'	2.3'	1.6'	5' 5.0"	5.1'	2.3'	1.6'
20W MR-16 NSP (E23)	11°	6/101	3000	12' 25"	2.7'	2.7'	2.7'	9' 5.2"	7.3'	2.7'	2.4'	4' 6.9"	2.8'	2.0'	1.8'	7' 7.0"	2.6'	3.2'	2.3'	9' 5.0"	1.6'	4.2'	2.3'
20W MR-16 NSP (E23)	11°	6/101	3000	2' 13.1"	1.7'	5.6'	5.6'	2' 1.2"	8.5'	2.0'	1.7'	1' 1.7"	6.6'	4.8'	1.5'	2' 2.0"	4.6'	3.4'	2.1'	2' 2.0"	4.6'	3.4'	2.1'
20W MR-16 NSP (E23)	11°	6/101	3000	3' 5.9"	2.7'	7.2'	7.2'	3' 1.7"	3.8'	3.0'	2.5'	2' 1.6"	1.6'	1.7'	2.9'	3' 3.4'	2.1'	3.2'	2.1'	3' 3.4'	2.1'	3.2'	2.1'
20W MR-16 NSP (E23)	11°	6/101	3000	4' 5.3"	2.7'	7.2'	7.2'	4' 2.0"	7.1'	4.1'	3.4'	3' 5.2"	2.7'	2.0'	1.8'	4' 4.8"	1.2'	6.7'	4.1'	4' 4.8"	1.2'	6.7'	4.1'
20W MR-16 NSP (E23)	11°	6/101	3000	5' 2.1"	3.5'	3.6'	3.6'	5' 2.9"	1.4'	5.1'	4.2'	5' 5.2"	4.7'	4.9'	5.0'	5' 5.0"	1.6'	4.2'	2.3'	5' 5.0"	1.6'	4.2'	2.3'
20W MR-16 NSP (E23)	11°	6/101	3000	7' 17.8"	1.2'	1.2'	1.2'	6' 3.8"	1.57'	1.3'	1.3'	2' 3.5"	2.72'	1.7'	3.8'	4' 4.3"	1.32'	1.7'	1.2'	4' 4.3"	1.32'	1.7'	1.2'
20W MR-16 NSP (E23)	11°	6/101	3000	10' 87"	2.7'	2.7'	2.7'	8' 5.2"	7.2'	2.5'	2.5'	3' 2.2"	1.71'	2.5'	3.3'	4' 4.3"	1.32'	2.5'	1.8'	4' 4.3"	1.32'	2.5'	1.8'
20W MR-16 NSP (E23)	11°	6/101	3000	15' 21"	2.7'	2.7'	2.7'	12' 8.5"	3.9'	3.4'	2.4'	4' 6.9"	4.1'	2.5'	1.7'	7' 7.0"	2.6'	3.2'	2.3'	9' 5.0"	1.6'	4.2'	2.3'
20W MR-16 NSP (E23)	11°	6/101	3000	10' 34"	2.4'	2.4'	2.4'	15' 8.7"	2.5'	4.7'	4.5'	5' 6.7"	4.4'	4.3'	2.1'	10' 10.1"	3.1'	6.3'	3.0'	10' 10.1"	3.1'	6.3'	3.0'
20W MR-16 NSP (E23)	11°	6/101	3000	5' 10.8"	2.1'	2.1'	2.1'	5' 2.9"	1.01'	2.1'	2.5'	2' 3.5"	1.22'	3.1'	1.4'	3' 3.0"	1.52'	2.7'	1.5'	3' 3.0"	1.52'	2.7'	1.5'
20W MR-16 NSP (E23)	11°	6/101	3000	8' 6.1"	2.5'	2.5'	2.5'	7' 4.0"	5.2'	3.3'	2.9'	3' 5.2"	5.4'	4.7'	2.1'	5' 5.0"	5.5'	3.6'	2.5'	5' 5.0"	5.5'	3.6'	2.5'
20W MR-16 NSP (E23)	11°	6/101	3000	10' 39"	3.5'	3.5'	3.5'	9' 5.2"	2.1'	4.3'	3.7'	4' 6.9"	3.6'	2.7'	2.4'	7' 7.0"	2.6'	3.2'	2.3'	9' 5.0"	1.6'	4.2'	2.3'
20W MR-16 NSP (E23)	11°	6/101	3000	12' 7.7"	4.2'	4.2'	4.2'	11' 6.4"	2.7'	5.7'	4.5'	5' 6.7"	2.0'	3.8'	1.5'	9' 5.0"	1.7'	6.6'	4.5'	9' 5.0"	1.7'	6.6'	4.5'
20W MR-16 NSP (E23)	11°	6/101	3000	4' 10.0"	2.9'	2.9'	2.9'	3' 5.2"	1.75'	3.2'	2.5'	1' 1.7"	2.02'	3.8'	1.5'	3' 3.0"	1.52'	2.7'	1.5'	3' 3.0"	1.52'	2.7'	1.5'
20W MR-16 NSP (E23)	11°	6/101	3000	6' 4.4"	4.4'	4.4'	4.4'	6' 2.9"	4.2'	8.1'	4.2'	2' 2.2"	1.71'	2.5'	3.3'	4' 4.3"	1.32'	2.5'	1.8'	4' 4.3"	1.32'	2.5'	1.8'
20W MR-16 NSP (E23)	11°	6/101	3000	8' 2.5"	5.8'	5.8'	5.8'	7' 4.0"	7.1'	7.1'	5.8'	3' 5.2"	7.2'	14.5'	4.4'	5' 5.0"	5.5'	3.6'	2.5'	5' 5.0"	5.5'	3.6'	2.5'
20W MR-16 NSP (E23)	11°	6/101	3000	10' 1.6"	7.3'	7.3'	7.3'	9' 5.2"	1.3'	11.1'	1.6'	4' 6.9"	1.3'	19.3'	5.8'	5' 5.0"	1.6'	10.1'	3.2'	5' 5.0"	1.6'	10.1'	3.2'
20W MR-16 NSP (E23)	11°	6/101	3000	6' 1.90"	1.4'	1.4'	1.4'	7' 4.0"	1.52'	1.6'	1.4'	3' 5.2"	1.62'	2.1'	1.0'	5' 5.0"	1.62'	1.8'	1.2'	5' 5.0"	1.62'	1.8'	1.2'
20W MR-16 NSP (E23)	11°	6/101	3000	12' 8.0"	2.1'	2.1'	2.1'	13' 5.8"	7.5'	2.3'	2.0'	4' 6.9"	9.0'	2.9'	1.4'	7' 7.0"	8.3'	2.5'	1.7'	7' 7.0"	8.3'	2.5'	1.7'
20W MR-16 NSP (E23)	11°	6/101	3000	16' 4.5"	2.8'	2.8'	2.8'	13' 7.5"	4.4'	3.0'	2.8'	5' 5.2"	5.8'	3.0'	1.7'	9' 5.0"	5.0'	3.2'	2.2'	9' 5.0"	5.0'	3.2'	2.2'
20W MR-16 NSP (E23)	11°	6/101	3000	20' 2.9"	3.5'	3.5'	3.5'	16' 5.2"	7.3'	3.7'	3.2'	5' 10.4"	4.0'	4.3'	2.1'	11' 11.0"	3.4'	3.9'	2.7'	11' 11.0"	3.4'	3.9'	2.7'
20W MR-16 NSP (E23)	11°	6/101	3000	6' 5.1"	2.7'	7.7'	7.7'	5' 2.9"	9.1'	2.0'	2.0'	2' 3.5"	1.22'	3.1'	1.4'	3' 3.0"	1.52'	2.7'	1.5'	3' 3.0"	1.52'	2.7'	1.5'
20W MR-16 NSP (E23)	11°	6/101	3000	8' 5.5"	3.5'	3.5'	3.5'	7' 4.0"	4.6'	4.2'	2.9'	3' 5.2"	4.9'	4.2'	2.9'	5' 5.0"	4.9'	4.2'	2.9'	5' 5.0"	4.9'	4.2'	2.9'
20W MR-16 NSP (E23)	11°	6/101	3000	10' 7.5"	4.4'	4.4'	4.4'	9' 5.2"	2.9'	6.4'	4.8'	4' 6.9"	2.1'	5.0'	2.4'	7' 7.0"	2.6'	3.2'	2.3'	9' 5.0"	1.6'	4.2'	2.3'
20W MR-16 NSP (E23)	11°	6/101	3000	12' 2.4"	5.3'	5.3'	5.3'	11' 6.4"	1.3'	8.6'	5.6'	5' 6.7"	1.6'	13.4'	4.4'	9' 5.0"	1.3'	8.4'	5.6'	9' 5.0"	1.3'	8.4'	5.6'
20W MR-16 NSP (E23)	11°	6/101	3000	4' 12.8"	2.0'	2.9'	2.9'	3' 1.7"	1.48'	2.0'	2.5'	1' 1.7"	2.98'	4.6'	1.1'	3' 3.0"	1.52'	2.7'	1.5'	3' 3.0"	1.52'	2.7'	1.5'
20W MR-16 NSP (E23)	11°	6/101	3000	6' 5.7"	4.4'	4.4'	4.4'	5' 2.9"	5.1'	5.1'	4.2'	2' 3.5"	6.4'	5.7'	2.9'	4' 4.0"	4.5'	6.7'	4.1'	4' 4.0"	4.5'	6.7'	4.1'
20W MR-16 NSP (E23)	11°	6/101	3000	8' 3.2"	5.8'	5.8'	5.8'	7' 4.0"	2.7'	7.1'	5.9'	3' 5.2"	2.8'	14.5'	4.4'	5' 5.0"	2.5'	3.4'	5.1'	5' 5.0"	2.5'	3.4'	5.1'
20W MR-16 NSP (E23)	11°	6/101	3000	10' 2.1"	7.2'	7.2'	7.2'	9' 5.2"	1.2'	9.1'	7.5'	4' 6.9"	1.5'	19.3'	5.8'	5' 5.0"	1.2'	10.1'	6.1'	5' 5.0"	1.2'	10.1'	6.1'
20W MR-16 NSP (E23)	11°	6/101	3000	4' 10.0"	2.9'	2.9'	2.9'	3' 5.2"	1.75'	3.2'	2.5'	1' 1.7"	2.02'	3.8'	1.5'	3' 3.0"	1.52'	2.7'	1.5'	3' 3.0"	1.52'	2.7'	1.5'
20W MR-16 NSP (E23)	11°	6/101	3000	6' 4.4"	4.4'	4.4'	4.4'	6' 2.9"	4.2'	8.1'	4.2'	2' 2.2"	1.71'	2.5'	3.3'	4' 4.3"	1.32'	2.5'	1.8'	4' 4.3"	1.32'	2.5'	1.8'
20W MR-16 NSP (E23)	11°	6/101	3000	8' 2.5"	5.8'	5.8'	5.8'	7' 4.0"	7.1'	7.1'	5.8'	3' 5.2"	7.2'	14.5'	4.4'	5' 5.0"	5.5'	3.6'	2.5'	5' 5.0"	5.5'	3.6'	2.5'
20W MR-16 NSP (E23)	11°	6/101	3000	10' 1.6"	7.3'	7.3'	7.3'	9' 5.2"	1.3'	11.1'	1.6'	4' 6.9"	1.3'	19.3'	5.8'	5' 5.0"	1.6'	10.1'	3.2'	5' 5.0"	1.6'	10.1'	3.2'
20W MR-16 NSP (E23)	11°	6/101	3000	6' 1.90"	1.4'	1.4'	1.4'	7' 4.0"	1.52'	1.6'	1.4'	3' 5.2"	1.62'	2.1'	1.0'	5' 5.0"	1.62'	1.8'	1.2'	5' 5.0"	1.62'	1.8'	1.2'
20W MR-16 NSP (E23)	11°	6/101	3000	12' 8.0"	2.1'	2.1'	2.1'	13' 5.8"	7.5'	2.3'	2.0'	4' 6.9"	9.0'	2.9'	1.4'	7' 7.0"	8.3'	2.5'	1.7'	7' 7.0"	8.3'	2.5'	1.7'
20W MR-16 NSP (E23)	11°	6/101	3000	16' 4.5"	2.8'	2.8'	2.8'	13' 7.5"	4.4'	3.0'	2.8'	5' 5.2"	5.8'	3.0'	1.7'	9' 5.0"	5.0'	3.2'	2.2'	9' 5.0"	5.0'	3.2'	2.2'
20W MR-16 NSP (E23)	11°	6/101	3000	20' 2.9"	3.5'	3.5'	3.5'	16' 5.2"	7.3'	3.7'	3.2'	5' 10.4"	4.0'	4.3'	2.1'	11' 11.0"	3.4'	3.9'	2.7'	11' 11.0"	3.4'	3.9'	2.7'
20W MR-16 NSP (E23)	11°	6/101	3000	6' 5.1"	2.7'	7.7'	7.7'	5' 2.9"	9.1'	2.0'	2.0'	2' 3.5"	1.22'	3.1'	1.4'	3' 3.0"	1.52'	2.7'	1.5'	3' 3.0"	1.52'	2.7'	1.5'
20W MR-16 NSP (E23)	11°	6/101	3000	8' 5.5"	3.5'	3.5'	3.5'	7' 4.0"	4.6'	4.2'	2.9'	3' 5.2"	4.9'	4.2'	2.9'	5' 5.0"	4.9'	4.2'	2.9'	5' 5.0"	4.9'	4.2'	2.9'
20W MR-16 NSP (E23)	11°	6/101	3000	10' 7.5"	4.4'	4.4'	4.4'	9' 5.2"	2.9'	6.4'	4.8'	4' 6.9"	2.1'	5.0'	2.4'	7' 7.0"	2.6'	3.2'	2.3'	9' 5.0"	1.6'	4.2'	2.3'
20W MR-16 NSP (E23)	11°	6/101	3000	12' 2.4"	5.3'	5.3'	5.3'	11' 6.4"	1.3'	8.6'	5.6'	5' 6.7"	1.6'	13.4'	4.4'	9' 5.0"	1.3'	8.4'	5.6'	9' 5.0"	1.3'	8.4'	5.6'
20W MR-16 NSP (E23)	11°	6/101	3000	4' 12.8"	2.0'	2.9'	2.9'	3' 1.7"	1.48'	2.0'	2.5'	1' 1.7"	2.98'	4.6'	1.1'	3' 3.0"	1.52'	2.7'	1.5'	3' 3.0"	1.52'	2.7'	1.5'
20W MR-16 NSP (E23)	11°	6/101	3000	6' 5.7"	4.4'	4.4'	4.4'	5' 2.9"	5.1'	5.1'	4.2'	2' 3.5"	6.4'	5.7'	2.9'	4' 4.0"	4.5'	6.7'	4.1'	4' 4.0"	4.5'	6.7'	4.1'
20W MR-16 NSP (E23)	11°	6/101	3000	8' 3.2"	5.8'	5.8'	5.8'	7' 4.0"	2.7'	7.1'	5.9'	3' 5.2"	2.8'	14.5'	4.4'	5' 5.0"	2.5'	3.4'	5.1'	5' 5.0"	2.5'	3.4'	5.1'
20W MR-16 NSP (E23)	11°	6/101	3000	10' 2.1"	7.2'	7.2'	7.2'	9' 5.2"	1.2'	9.1'	7.5'	4' 6.9"	1.5'	19.3'	5.8'	5' 5.0"	1.2'	10.1'	6.1'	5' 5.0"	1.2'	10.1'	6.1'
20W MR-16 NSP (E23)	11°	6/101	3000	4' 10.0"	2.9'	2.9'	2.9'	3' 5.2"	1.75'	3.2'	2.5'	1'											